

Matthews, R. Borlase.

The aviation pocket-book for 1918 . . . 6th ed. rev. & enl. London. 1918. xiv, 362 p. illus. tables. diagrs. (part. fold.) 17½ cm. Bibliography, p. 277-287. [Meteorological data, p. 227-253.]

Mattoz, José Nunes Belfort.

Contribuição para o clima de S. Paulo. chart. tables (part. fold.) 27 cm. (Excerpted from Annuario demografico. Secção de estatística demographo-sanitaria. Anno 24, 1917. São Paulo, 1919. p. 8-56.)

Morize, Henrique.

Como se prevê o tempo. Rio de Janeiro. 1918. 21 p. charts. 26 cm. At head of title: Ministerio da agricultura, industria e commercio. Observatorio nacional do Rio de Janeiro.

Oxford. Radcliffe observatory.

Results of meteorological observations made in the year 1918. Vol. 52. Part 3. Oxford. 1919. cover-title. [41]-60 p. tables 25½ cm.

San Fernando, Spain. Instituto y observatorio de marina.

Anales. Sección 2. Observaciones meteorológicas, magnéticas y sismáticas. Año 1914-1915. San Fernando. 1915-1916. 2 v. incl. tables. 36 cm.

Scott, J[ames] H.

Charleston weather for the year 1918. tables. 22½ cm. (Excerpted from Annual report of the Dept. of health, City of Charleston, South Carolina, for the year 1918. p. 52-64.)

Stonyhurst college observatory.

Results of meteorological, magnetical, and seismological observations, 1918 . . . Blackburn. 1919. xix, 39 p. port. tables. 18½ cm.

Subiaco. Osservatorio Simbruino meteorologico-geodinamico.

Bollettino per l'anno 1917-1918 dello stato meteorico-sismico del bacino dell'Aniene. Subiaco. 1918-1919. 2 v. tables. 24cm.

Tascone, Giacomo Luigi.

Riassunto delle osservazioni meteorologiche prese all'Osservatorio Simbruino nell'anno 1916. Torino. 1917. 10 p. incl. tables. 23½ cm. (Estratto dal Bollettino della Società meteorologica italiana. Volume 30, agosto-settembre, 1916, num. 9-10.)

Taylor instrument companies.

Humidity and the physician. Rochester, N. Y. [c1919] 36 p. illus. charts. 20½ cm. Bibliography, p. 30-31.

Tippenhauer, L[ouis] G[entil]

La théorie électromagnétique du temps. Neuvième partie. Communication provisoire . . . Port-au-Prince. 1919. iii, 62 p. fold. charts. fold. tables. 26 cm.

Wallén, Axel.

Klimatets inverkan på arbetsintensitet och kultur. Stockholm. 1918. cover-title. 16 p. 5 charts. 20½ cm. At head of title: Från Hydrografiska byrån. (Särtrych ur Teknisk tidskrift veckouplagan 1918. Häft 26.)

Wood, H[arry] E[dwin]

The climate of South Africa. 24½ cm. (Excerpted from the South African geographical journal, Johannesburg. Vol. 2, no. 1, 1918, p. 5-8.)

RECENT PAPERS BEARING ON METEOROLOGY AND SEISMOLOGY.

C. FITZHUGH TALMAN, Professor in Charge of Library.

The following titles have been selected from the contents of the periodicals and serials recently received in the Library of the Weather Bureau. The titles selected are of papers and other communications bearing on meteorology and cognate branches of science. This is not a complete index of all the journals from which it has been compiled. It shows only the articles that appear to the compiler likely to be of particular interest in connection with the work of the Weather Bureau.

Aerial age. New York. v. 10. September 15, 1919.

The Weather Bureau and aeronautics. p. 22.

Aeronautical journal. London. v. 23. July, 1919.

Lyons, H. G. The supply of meteorological information. p. 397-406.

Aeronautics. London. v. 17. September 11, 1919.

Coffin, J. C. Altitude errors in aerial navigation. A new form of barograph for their avoidance. p. 256-257. [Repr. from Aviation.]

American philosophical society. Proceedings. Philadelphia. v. 58. no. 3. 1919.

Barnard, E. E. Self-luminous night haze. p. 223-235.

American society of civil engineers. New York. v. 45. August, 1919.

Sonderegger, A. L. Physiography of water-sheds and channels, and analysis of stream action of southern California rivers, with reference to the problems of flood control. p. 451-474.

Engineering news-record. New York. v. 83. September 11, 1919.

Fleming, R. Wind pressure on cylindrical structures in practice. Methods applicable to various problems of the structural designer in dealing with chimneys, stacks and standpipes—proportioning anchor bolts—guyed steel stacks. p. 499-502.

Great Britain. Meteorological office. Geophysical memoirs. No. 13. 1919.

Dines, W[illiam] H[enry]. The characteristics of the free atmosphere. p. 47-76.

Franklin institute. Journal. Philadelphia. v. 188. September, 1919.

Zahn, A[lfred] F. Air flow over rear deck of battleship Pennsylvania. p. 389-397. [Describes tests made to determine structural arrangements suitable for the landing of airplanes on deck.]

Natural history. New York. v. 19. April-May, 1919.

Miles, Enos A. The wars of the wind at timber-line. The forest ranks in the dry wind-swept high altitudes of the Rocky mountains are being driven down the slopes. p. 427-435.

Whitlock, Herbert P. Art motives in snow crystals. Boreal studios continually making new designs. p. 437-440.

Nature. London. v. 103. 1919.

Shaw, Napier. The outlook of meteorological science. p. 475-477. (Aug. 14.) [Repr. Q. J. Roy. Met. Soc.]

Thompson, D'Arcy W. Mean sea-level. p. 493-495. (Aug. 21.)

Mossman, R[obert] C. Walter Gould Davis. p. 508-509. (Aug. 28.)

Nautical magazine. London. v. 101. June, 1919.

Horner, Donald W. United States Weather Bureau and its work. p. 493-495.

Science. New York. v. 50. 1919.

Woodman, Leon Elmer. A snow effect. p. 210-211. (Aug. 29.) [Describes occurrence of snow-rollers.]

Yanney, Benjamin Franklin. An earlier snow effect. p. 306. (Sept. 26.) [Quotes description of snow-rollers from Thoreau's "Journal."]

Scientific American. New York. v. 121. 1919.

Fales, Elisha N. Clouds formed by airplanes. p. 185. (Aug. 23.)

Von Blon, John L. Jack Frost in the orange country. The organization and methods by which California growers have routed an old enemy. p. 278-279. (Sept. 20.)

Lukiesh, M. High-lights of air-travel. Some of the things seen from a plane that contradict experience gained on the ground. p. 280; 292; 294. (Sept. 20.) [Contains information regarding haze, etc.: abstract in this issue of the REVIEW, p. —.]

Scientific American supplement. New York. 1919.

Cloud negatives. p. 131; 144. (Aug. 30.) [Repr. Brit. Jour. photog.]

Stupart, Frederick. How a season differs from year to year. The rational causes of variations in our summers and winters. p. 163. (Sept. 13.)

Scientific monthly. New York. v. 9. October, 1919..

Sanford, Fernando. Ignis fatuus. p. 358-365.

Symons's meteorological magazine. London. v. 54. August, 1919.

The British rainfall organization and the Meteorological Office. p. 73-75. [British rainfall organization taken over by the Meteorological office: See this issue of the REVIEW, p. —.]

Mossman, R[obert] C. Walter Gould Davis. 1851-1919. p. 76. [Obituary.]

Aérophile. Paris. 27 année. 1-15 juillet 1919.

La Baume-Pluvinel, A. de. Sondage de la très haute atmosphère par l'artillerie à longue portée. p. 209-210.

France. Académie des sciences. Comptes rendus. Paris. Tome 169. 28 juillet 1919.

Reboul, G., & Dunoyer, L. Sur l'utilisation des températures pour la prévision des variations barométriques. p. 191-193.

Société languedocienne de géographie. Bulletin. Montpellier. 42 année. 3 trim. 1919.

Moye, M[arcel]. Une enquête sur les paragüelles. p. 186-188.

Moye, M[arcel]. L'exploration de la haute atmosphère. p. 192-195.

Moye, M[arcel]. Les prévisions du temps dans le Languedoc méditerranéen. p. 196-199.

Deutsches meteorologisches Jahrbuch. München. Jahrgang 36. 1914.

Schmauss, A[ugust]. Münchener aerologische Studien. No. 6. Hc und Tc im Auf- und Abstiegsdiagramme. p. Anhang E 1-6.

Schmauss, A[ugust]. Die Mechanik der Gewitterbö vom 14./15. März 1914. p. Anhang F 1-5.

Schmauss, A[ugust]. Münchener aerologische Studien. No. 7. Die Jahresperiode von Tc und Hc über München. p. Anhang G 1-4.

Lex, Friedrich. Über die geographische Verteilung der Niederschläge im diesseitigen Bayern bei, durch Süd- u. Ostdepressionen (Vb) bedingten, Hochwasserwetterlagen. p. Anhang J 1-29.